

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	10/657,382
Filing Date	09-08-03
First Named Inventor	Robin G. Skinner
Art Unit	3746
Examiner Name	Koczo
Attorney Docket Number	TEC1212/C-504

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
MK ↓ V		US- 2,661,172	12-01-1953	Needham	
		US- 3,039,725	06-19-1962	Kerley, Jr.	
		US- 3,145,960	08-25-1964	Langdon	
		US- 3,749,340	07-31-1973	Williams et al.	
		US- 3,785,167	01-15-1974	Sahs	
		US- 5,487,648	01-30-1996	Alfano et al.	
		US- 5,579,651	12-03-1996	Sugiyama et al.	
		US- 5,683,237	11-04-1997	Hagiwara et al.	
		US- 5,752,688	05-19-1998	Campbell, et al.	
		US- 5,913,892	06-22-1999	Kwon	
		US- 6,011,336	01-04-2000	Mathis et al.	
		US- 6,264,446	07-24-2001	Rajendran et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

**FOREIGN PATENT DOCUMENTS**

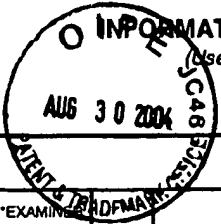
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner Signature	/Michael Koczo Jr/	Date Considered	10/31/2006
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				ATTY DOCKET NO. <b>TEC1212-01/C-504</b>		APPLICATION NO. <b>10/657,382</b>	
				APPLICANT(S) <b>Robin G. Skinner</b>			
				FILING DATE <b>September 8, 2003</b>		GROUP ART UNIT <b>3746</b>	
<b>U.S. PATENT DOCUMENTS</b>							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MK		Re. 34,297	06/29/1993	Elson	417	372	
MK		Re. 25,569	05/05/1964	Coron et al.	230	117	
MK		4,089,613	05/16/1978	Babbitt, Jr.	403	388	
MK		4,244,680	01/13/1981	Ishizuka et al.	418	97	
MK		4,389,171	06/21/1983	Eber et al.	418	15	
<b>U.S. PATENT APPLICATION PUBLICATIONS</b>							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MK		2001/0055536	12/27/2001	Bernardi et al.	418	55.6	
MK		2001/0006603	07/05/2001	Hong et al.	418	55.1	
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
MK		JP402061382A	03/01/1990	Japan	X		
MK		JP407259764A	10/09/1995	Japan			
MK		JP61087994	05/06/1986	Japan			
MK		JP2001020881A	01/23/2001	Japan			
MK		JP2002021729A	01/23/2002	Japan			
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
EXAMINER <b>/Michael Kocz Jr/</b>				DATE CONSIDERED <b>10/31/2006</b>			

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
MK		4,416,594	11/22/1983	Ichikawa	417	360		
MK		4,497,615	02/05/1985	Griffith	417	310		
MK		4,518,276	05/21/1985	Mitchell	403	13		
MK		4,552,518	11/12/1985	Utter	418	55		
MK		4,557,677	12/10/1985	Hasegawa	418	63		
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MK		JP410148191A	06/02/1998	Japan	X	X		
MK		JP2002098056A	04/05/2002	Japan				
MK		2 755 477 A1	11/05/1997	France				
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
MK		4,685,188	08/11/1987	Goy	29	446		
MK		4,767,293	08/30/1988	Caillat et al.	418	55		
MK		4,792,288	12/20/1988	Gromoll et al.	417	278		
MK		4,818,198	04/04/1989	Tamura et al.	418	55		
MK		4,877,382	10/31/1989	Caillat et al.	418	55		
<b>U.S. PATENT APPLICATION PUBLICATIONS</b>								
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MK		4,992,033	02/21/1991	Caillat et al.	418	55.3		
MK		5,012,896	05/07/1991	Da Costa	184	6.16		
MK		5,055,010	10/08/1991	Logan	417	410		
MK		5,062,779	11/05/1991	Da Costa	418	270		
MK		5,110,268	05/05/1992	Sakurai et al.	417	410		
<b>U.S. PATENT APPLICATION PUBLICATIONS</b>								
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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
MK		5,114,322	05/19/1992	Caillat et al.	418	55.6		
MK		5,137,437	08/11/1992	Machida et al.	418	55.1		
MK		5,176,506	01/05/1993	Siebel	417	368		
MK		5,211,031	05/18/1993	Murayama et al.	62	498		
MK		5,219,281	06/15/1993	Caillat et al.	418	55.6		
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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
MK		5,222,885	06/29/1993	Cooksey	418	96		
MK		5,224,845	07/06/1993	Mangyo et al.	417	423.13		
MK		5,240,391	08/31/1993	Ramshankar et al.	417	410 R		
MK		5,247,738	09/28/1993	Yoshii	29	888.022		
MK		5,312,234	05/17/1994	Yoshii	418	55.1		
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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
MK		5,345,785	09/13/1994	Seldgami et al.	62	468		
MK		5,345,970	09/13/1994	Leyderman et al.	137	856		
MK		5,346,375	09/13/1994	Aikyama et al.	418	15		
MK		5,348,455	09/20/1994	Herrick et al.	418	63		
MK		5,370,156	12/06/1994	Peracchio et al.	137	856		
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MK		5,391,066	02/21/1995	Sawai et al.	418	55.6		
MK		5,427,511	06/27/1995	Caillat et al.	418	55.1		
MK		5,474,433	12/12/1995	Chang et al.	418	55.4		
MK		5,522,715	06/04/1996	Watanabe et al.	418	55.1		
MK		5,531,577	07/02/1996	Hayase et al.	418	55.1		
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U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MK		5,533,875	07/09/1996	Crum et al.	417	368	
MK		5,580,233	12/03/1996	Wakana et al.	418	94	
MK		5,597,293	01/28/1997	Bushnell et al.	417	410.3	
MK		5,597,296	01/28/1997	Akazawa et al.	418	55.1	
MK		5,634,781	06/03/1997	Yoshida et al.	418	55.1	

U.S. PATENT APPLICATION PUBLICATIONS							
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OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>			

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MK	5,645,408	07/08/1997	Fujio et al.	418	55.4	
MK	5,660,539	08/26/1997	Matsunaga et al.	418	55.6	
MK	5,695,326	12/09/1997	Oka et al.	418	55.1	
MK	5,716,202	02/10/1998	Koyama et al.	418	55.6	
MK	5,720,601	02/24/1998	Tark et al.	417	569	

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MX		5,745,992	05/05/1998	Caillat et al.	29	888.022		
MX		5,769,126	06/23/1998	Cho	137	856		
MX		5,772,411	06/30/1998	Crum et al.	417	368		
MX		5,772,416	06/30/1998	Caillat et al.	418	55.6		
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MK	5,810,572	09/22/1998	Yamamoto et al.	418	55.6	
MK	5,829,959	11/03/1998	Tsubono et al.	418	55.5	
MK	5,863,190	01/26/1999	Yamamoto et al.	418	55.1	
MK	5,931,649	08/03/1999	Caillat et al.	418	55.1	
MK	5,931,650	08/03/1999	Yasu et al.	418	55.3	

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MK	5,964,581	10/12/1999	Iizuka et al.	417	410.3	
MK	6,000,917	12/14/1999	Smerud et al.	417	368	
MK	6,027,321	02/22/2000	Shim et al.	418	1	
MK	6,039,551	03/21/2000	Takeuchi et al.	418	88	

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<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. <b>TEC1212-01</b>		APPLICATION NO. <b>10/657,382</b>		
				Robin G. Skinner				
				FILING <b>September 8, 2003</b>		GROUP ART <b>3746</b>		
<b>U.S. PATENT DOCUMENTS</b>								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
MR		6,050,794	04/18/2000	Noboru et al.	418	55.6		
MR		6,056,523	05/02/2000	Won et al.	418	15		
MR		6,106,254	08/22/2000	Hirooka et al.	418	55.6		
MR		6,132,191	10/17/2000	Hugenroth et al.	418	55.1		
MR		6,139,291	10/31/2000	Perevozchikov	418	55.1		
<b>U.S. PATENT APPLICATION PUBLICATIONS</b>								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<b>FOREIGN PATENT DOCUMENTS</b>								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
EXAMINER /Michael Koczko Jr/				DATE CONSIDERED 10/31/2006				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

**INFORMATION DISCLOSURE CITATION***(Use several sheets if necessary)*ATTY DOCKET NO.  
**TEC1212-01**APPLICATION NO.  
**10/657,382****Robin G. Skinner**FILING  
**September 8, 2003**GROUP ART  
**3746****U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MK	6,156,106	12/05/2000	Kamata	96	189	
MK	6,162,035	12/19/2000	Hayano et al.	418	220	
MK	6,167,719	01/02/2001	Yakumaru et al.	62	468	
MK	6,171,076	01/09/2001	Gannaway	417	350	
MK	6,179,589	01/30/2001	Bass et al.	418	55.1	

**U.S. PATENT APPLICATION PUBLICATIONS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*


EXAMINER  
/Michael Koczko Jr/DATE CONSIDERED  
10/31/2006

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				APPLICANT(S) <b>Robin G. Skinner</b>				
				FILING DATE <b>September 8, 2003</b>		GROUP ART UNIT <b>3746</b>		
<b>U.S. PATENT DOCUMENTS</b>								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
MK		6,186,753	02/13/2001	Hugenroth et al.	418	55.1		
MK		6,224,356	05/01/2001	Dewar et al.	418	55.1		
MK		6,227,830	05/08/2001	Fields et al.	418	55.1		
MK		6,247,910	06/19/2001	Yokoyama	418	55.1		
MK		6,261,073	07/17/2001	Kumazawa	418	63		
<b>U.S. PATENT APPLICATION PUBLICATIONS</b>								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<b>FOREIGN PATENT DOCUMENTS</b>								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
<b>EXAMINER</b>				<b>DATE CONSIDERED</b>				
/Michael Kocz Jr/				10/31/2006				
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<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. <b>TEC1212-01</b>		APPLICATION NO. <b>10/657,382</b>	
				Robin G. Skinner			
				FILING <b>September 8, 2003</b>		GROUP ART <b>3746</b>	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MR		6,280,154	08/28/2001	Clendenin et al.	417	410.5	
MR		6,299,423	10/09/2001	Perevozchikov	418	55.1	
MR		6,305,912	10/23/2001	Svensen et al.	417	312	
MR		6,402,485	06/11/2002	Hong et al.	417	366	

U.S. PATENT APPLICATION PUBLICATIONS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

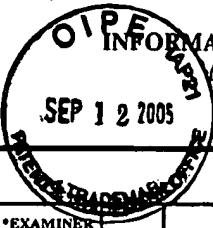
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>			

EXAMINER      /Michael Kocz Jr/	DATE CONSIDERED      10/31/2006
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 <b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)				Docket Number (Optional) <b>TEC1212-01/C-504</b>		Application Number <b>10/657,382</b>		
				Applicant(s) <b>Robin G. Skinner</b>				
				Filing Date <b>September 8, 2003</b>		Group Art Unit <b>3746</b>		
<b>U.S. PATENT DOCUMENTS</b>								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<b>U.S. PATENT APPLICATION PUBLICATIONS</b>								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<b>FOREIGN PATENT DOCUMENTS</b>								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
MK		JP 2001271752A	10/05/2001	Japan (*)	X	X	✓	
MK		JP05288171A	11/02/1993	Japan (*)			✓	
<b>OTHER DOCUMENTS</b> (Including Author, Title, Date, Pertinent Pages, Etc.)								
		(*) - Japanese document together with English language abstract						
EXAMINER /Michael Koczko Jr/				DATE CONSIDERED 10/31/2006				
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Sheet	1	of	1
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### Complete if Known

Application Number	10/657,382
Filing Date	September 8, 2003
First Named Inventor	Robin G. Skinner
Art Unit	3746
Examiner Name	Koczo
Attorney Docket Number	TEC1212-01/C-504

## U. S. PATENT DOCUMENTS

[illegible]

**FOREIGN PATENT DOCUMENTS**

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>o</sup>
		Country Code <sup>2</sup> *Number <sup>4</sup> *Kind Code <sup>3</sup> (If known)				
MK	JP	2000-205152	07-25-2000	Norihiko, et al.		
MK	JP	10-061567	03-03-1998	Hitoshi et al.		
MK	JP	09-032752	02-04-1997	Yulchi		

Examiner Signature	/Michael Kocz Jr/	Date Considered	10/31/2006
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